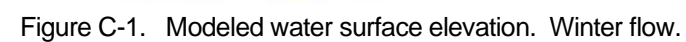


Appendix C. Hydraulic Model



Water Surface Level Existing Conditions

Water Surface Level with LWD

River Centerline

Highway 261

0+00 5+00 10+00 15+00 20+00 25+00 30+00 35+00 40+00 45+00 50+00 55+00 60+00 65+00 70+00 75+00

0 0.1 0.2 0.3 0.4 Miles

Tucannon River PA 34 Hydraulic Model

Water Surface Elevation

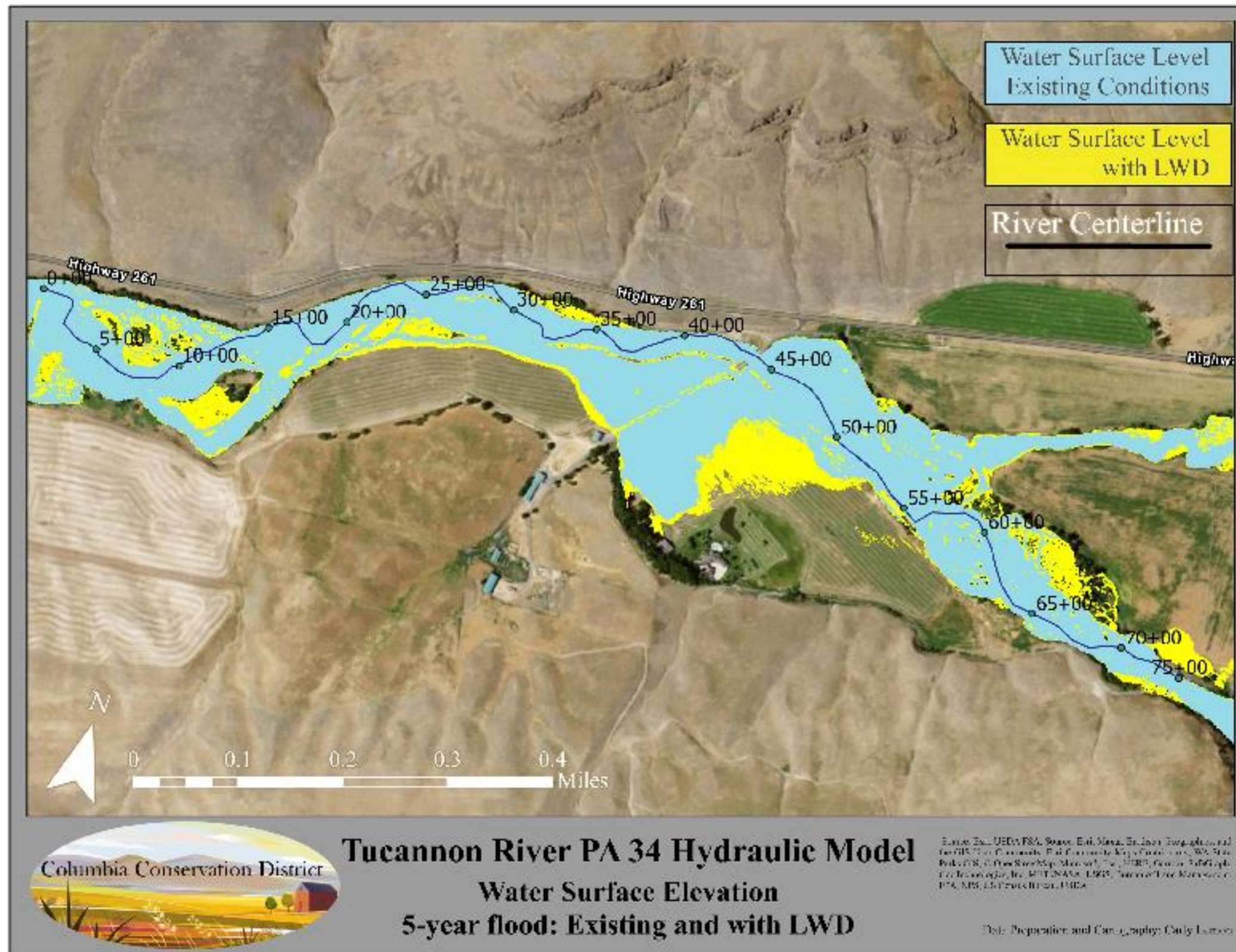
2-year flood: Existing and with LWD

Columbia Conservation District

Source: Esri, USGS, FEMA, NOAA, and others. Data provided by King County, WA, State of WA, and other local agencies. Map prepared by Columbia Conservation District, 2015. All rights reserved.

Date: Preparation and Cartography: July 2015

Figure C-3. Modeled water surface elevation. 2 YR flow.



Water Surface Level Existing Conditions

Water Surface Level with LWD

River Centerline

Highway 261

0+00 5+00 10+00 15+00 20+00 25+00 30+00 35+00 40+00 45+00 50+00 55+00 60+00 65+00 70+00 75+00

0 0.1 0.2 0.3 0.4 Miles

Tucannon River PA 34 Hydraulic Model

Water Surface Elevation

10-year flood: Existing and with LWD

Source: EDC UED/FSA, Survey Data, Maps, Elevation, Topography, and the GIS Data Community. Data provided by King County, WA, State of WA, and the Washington Department of Ecology. Data provided by the Washington Department of Ecology, King County, WA, and the Washington Department of Ecology. Data provided by the Washington Department of Ecology, King County, WA, and the Washington Department of Ecology.

File: Preparation and Cartography: Only Issues

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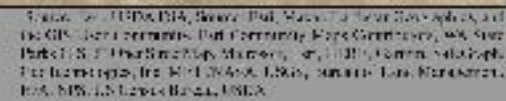


Figure C-7. Modeled water velocity. 1 YR flow.

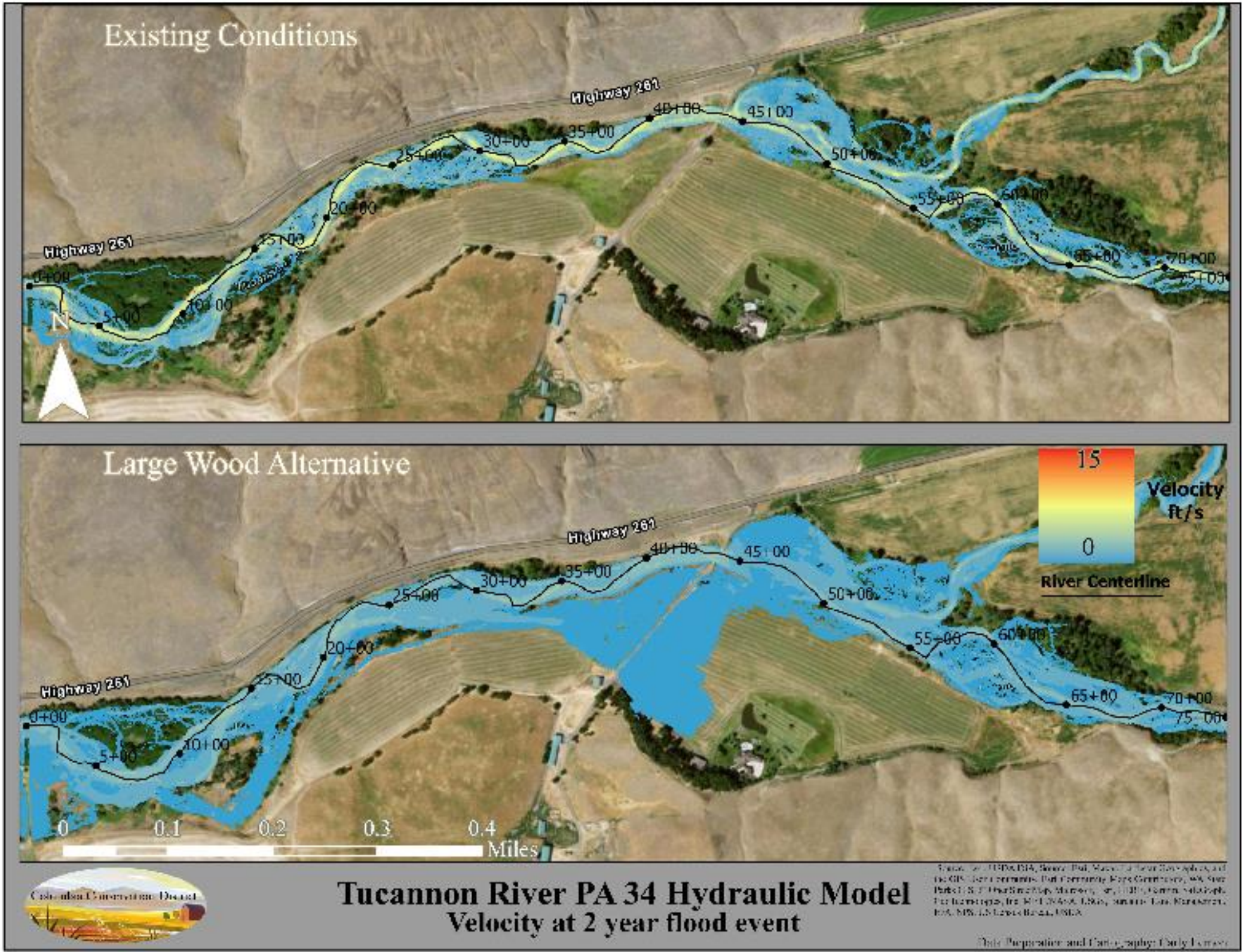
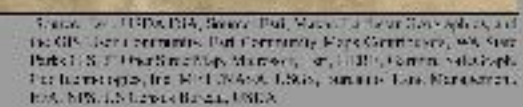
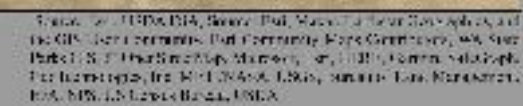


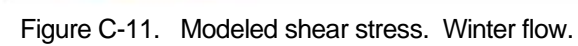
Figure C-8. Modeled water velocity. 2 YR flow.

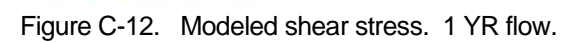


Only Preparation and Bibliography: Only 1 course



Title: Preparation and Characterization of Polybenzoxazine





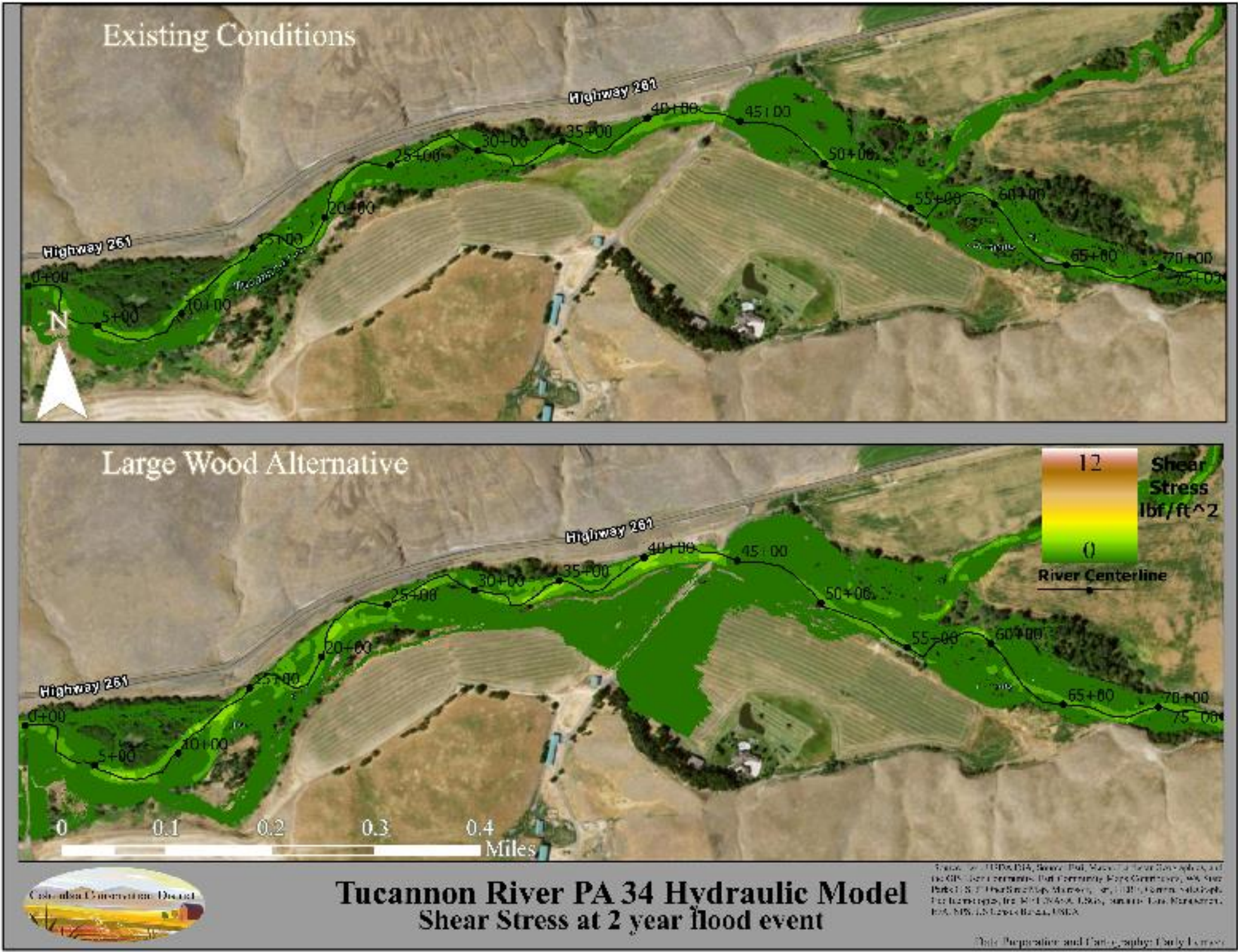


Figure C-13. Modeled shear stress. 2 YR flow.

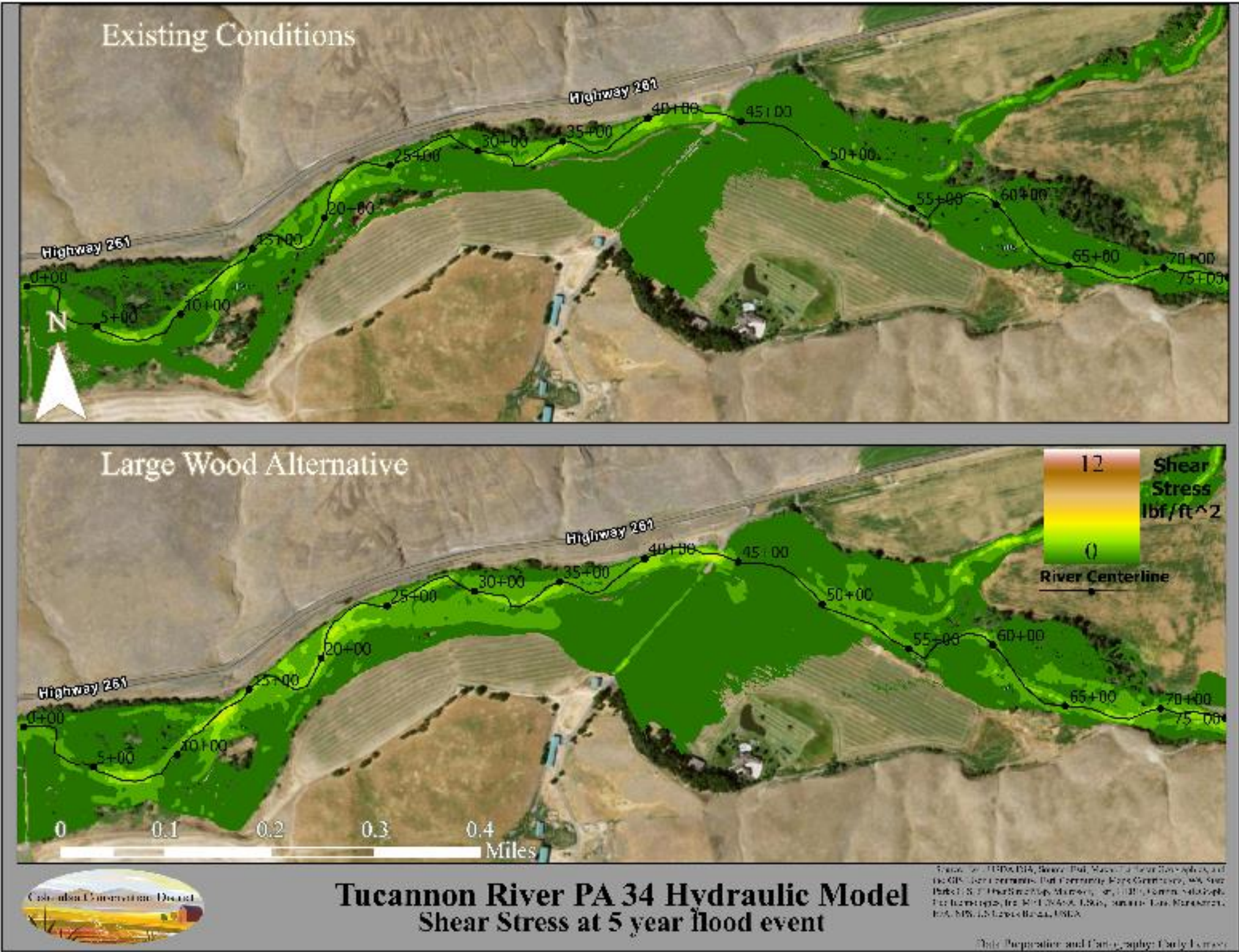


Figure C-14. Modeled shear stress. 5 YR flow.

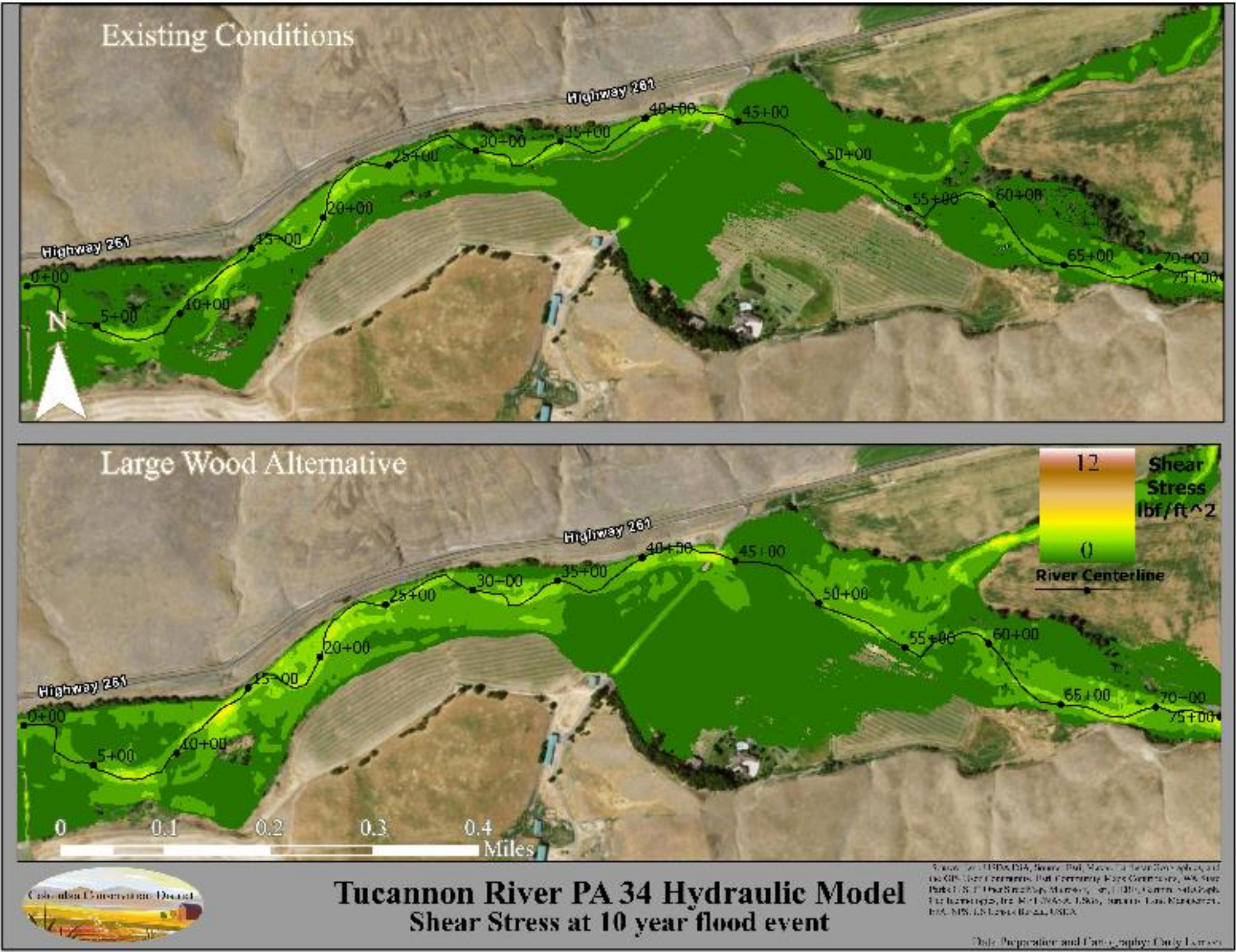


Figure C-15. Modeled shear stress. 10 YR flow.